

	L #	Hits	Search Text	DBs	Time Stamp
1	L1	121379 8	electrode discharg\$4 adj machining	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:41
2	L2	12190	1 same(turcite PFPE PTFE Polytetrafluroethylene Poly adj tetra adj fluoro adj ethylene Polytetrafluoroethylene fluorocarbon CF (F or fluorine fluorinat\$4)near2(DLC diamond carbon) FDLIC)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:40
3	L3	424023	1 same((tungsten molybdenum) adj (disulfide sulfide) "MoS.sub.2" boron adj nitride BN "WS.sub.2" gold Au lead Pb indium In m/c. <i>giving possibly In... of her design</i>	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:38
4	L4	311551	1 with((tungsten molybdenum) adj (disulfide sulfide) "MoS.sub.2" boron adj nitride BN "WS.sub.2" gold Au lead Pb indium In m/c.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:39
15	L15	136890			
5	L5	6805	1 with(turcite PFPE PTFE Polytetrafluroethylene Poly adj tetra adj fluoro adj ethylene Polytetrafluoroethylene fluorocarbon CF (F or fluorine fluorinat\$4)near2(DLC diamond carbon) FDLIC)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:41

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	L #	Hits	Search Text	DBs	Time Stamp
6	L6	13320	electrode with (discharg\$4 near(machining electric) working adj fluid\$2)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:56
7	L7	13320	1 and 6	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:57
8	L8	4837	4 and 6	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:57
	16 L16	1226	15 + 6		
9	L9	90	5 and 6	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:58
10	L10	237595	(8 or 9) and (solid adj lubricant lubricat\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:59

	L #	Hits	Search Text	DBs	Time Stamp
3 *	11 L11	70	(8 or 9) and (solid adj lubricant lubricat\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 11:59
	17 L17	6	9 and (—)		
	18 L18	16	16 and —		
	12 L12	1177	(8 or 9) and (water "H.sub.2 O" H2O)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 12:05
	19 L19	44	9 and (—)		
	20 L20	343	16 + (—)		
1 *	13 L13	34	11 and 12	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 12:05
2 *	14 L14	36	11 not 13	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/04/17 12:05

21 L21 11 (17 or 18) & (19 or 20)
 22 L22 20 17 or 18
 23 L23 2 17 or 18 ← NO 20 either
 24 14 22 not 23
 25 9 24 not 13
 28 367 (19 or 20) #30
 29 23 28 and 427/\$. COLS. ≠ NOT 13, 21 or 22 → 208

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	Document ID	Issue Date	Title	Current OR	Inventor
1	US 200200252 72 A1	20020228	Dynamic consolidation of powders using a pulsed energy source	419/66	Witherspoon, F. Douglas et al.
2	US 200100326 63 A1	<i>Inat</i> 20011025	Electroactive polymer thermal electric generators	136/205	Pelrine, Ronald E. et al.
3	US 200100144 05 A1	20010816 <i>This case</i>	Surface treatment method using electric discharge, and an electrode for the surface treatment method	428/568	Yuzawa, Takashi et al.
4	US RE38054 E	<i>begin section</i> <i>In</i> 20030401	Reliable, modular, production quality narrow-band high rep rate F2 laser	372/25	Hofmann, Thomas et al.
5	US 6455850 B1	<i>H2O as oil</i> <i>constant</i> <i>In</i> 20020924 <i>as a medium</i> <i>electrode</i> <i>as a medium</i> f.d. 8/12/99 Prev. 8/14/98	On-site analyzer having spark emission spectrometer with even-wearing electrodes	250/338.1	Coates, John et al.

	Document ID	Issue Date	Title	Current OR	Inventor
11	US 6207268 B1	20010327	Transfer sheet, and pattern-forming method	428/325	Kosaka, Yozo et al.
12	US 6128323 A	20001003	Reliable modular production quality narrow-band high REP rate excimer laser	372/38.1	Myers, David W. et al.
13	US 6018537 A	20000125	Reliable, modular, production quality narrow-band high rep rate F.sub.2 laser	372/25	Hofmann, Thomas et al.
14	US 5698342 A	19971216	Electrode containing coated particles	429/223	Klein, Martin
15	US 5611823 A	19970318	Method for fabricating a battery electrode	29/623.5	Klein, Martin
16	US 5610706 A	19970311	Analysis system	356/70	Carroll, Charles E. et al.
17	US 5585142 A	19961217	Method for preparing conductive electrochemically active material	427/216	Klein, Martin
18	US 5552654 A	19960903	Electrostatic actuator	310/309	Konno, Shinji et al.

	Document ID	Issue Date	Title	Current OR	Inventor
19	US 5552243 A	19960903	Bipolar electrochemical battery of stacked wafer cells	429/157	Klein, Martin
20	US 5478363 A	19951226	Method of making electrodes for bipolar electrochemical battery	29/623.1	Klein, Martin
21	US 5412682 A	19950502	Halogen compatible <u>laser</u> head	372/65	Laudenslager, James B. et al.
22	US 5393617 A	19950228	Bipolar electrochemical battery of stacked wafer cells	429/59	Klein, Martin
23	US 5391850 A	19950221	Apparatus and method for fast hole <u>drilling</u> by <u>electrical</u> discharge <u>machining</u>	219/69.2	Mueller, Rainer L.
24	US 5332529 A (B7) Dielectric fluids known as art - oil - H ₂ O	19940726	Electric discharge machine process and fluid	252/570	Mead, Theodore C. et al.

	Document ID	Issue Date	Title	Current OR	Inventor
25	<i>(B4) In...</i> <i>deionized H₂O...</i> <i>electrode wire</i> US 5128505 A <i>Ch. 8</i> <i>Intersecting</i>	19920707	Injection device and electrode wire electric discharge machine for high-speed precision machining	219/69.12	Matter, Daniel
26	US 5034589 A	19910723	Electrical discharge apparatus for producing a textured finish on a conductive surface	219/69.17	Evans, Gareth A. et al.
27	US 4960971 A	19901002	Wire EDM with apparatus supporting a workpiece through wall of machining bath	219/69.12	Kawanabe, Tasuku
28	US 4891818 A	19900102	Rare gas-halogen excimer laser	372/57	Levatter, Jeffrey I.
29	<i>Ab- H₂O post mix</i> US 4849122 A <i>In...</i>	19890718	Transparent electrical discharge machining fluid	252/73	Imai, Kouji et al.

	Document ID	Issue Date	Title	Current OR	Inventor
30	(B6) A major prob. ... paint and Snf w/ lub. agent (oxide or sulfide) US 4534831 A	19850813	Method of and apparatus for forming a 3D article	205/67	Inoue, Kiyoshi
31	Ex. 5 AgO powder + PTFE US 4520087 A	19850528	Divalent silver oxide cell including cadmium and tellurium	429/219	Kamata, Nobuo et al.
32	US 3839176 A	19741001	METHOD AND APPARATUS FOR REMOVING CONTAMINANTS FROM LIQUIDS	204/560	McCoy, Lowell R. et al.
33	for removing Fe US 3708422 A In ...	19730102	ELECTRIC DISCHARGE MACHINING FLUID	508/545	Swanson, John W.
34	US 3700169 A	19721024	PROCESS AND APPRATUS FOR THE PRODUCTION OF HYDROELECTRIC PULSED LIQUIDS JETS	239/4	Naydan, Theodore T. et al.

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	Document ID	Issue Date	Title	Current OR	Inventor
1	US 5789066 A	19980804	Method and device for manufacturing cold rolled metal sheets or strips and metal sheets or strips obtained	428/156	De Mare, Carl et al.
2	US 4954022 A <i>electro lead</i>	19900904	Method for machining multiple cuts in a workpiece to a uniform depth	408/1R	Underwood, James L. et al.
3	US 4581675 A <i>el. lead</i>	19860408	Electrostatic atomizing device	361/228	Kelly, Arnold J.
4	US 4380786 A	19830419	Electrostatic atomizing device	361/228	Kelly, Arnold J.
5	US 4367130 A	19830104	Chemical reaction	204/157.4 2	Lemelson, Jerome H.
6	US 4255777 A	19810310	Electrostatic atomizing device	361/228	Kelly, Arnold J.

	Document ID	Issue Date	Title	Current OR	Inventor
7	CVD RX JP 11166987 A → C-Flyp	19990622	SLIDER PART FOR TIMEPIECE ITS PRODUCTION METHOD AND PRODUCTION DEVICE AND TIME PIECE		MIYAZAWA, KENICHI et al.
8	JP 57026865 A	19820213	ELECTRODE FOR ELECTROSTATIC RECORDING		NAKANO, KEITA
9	JP 63005956 A	19870111	Electrode holding material for electrical discharge recording head - comprises hexagonal boron nitride or talc as lubricant and silicone resin		

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	Document ID	Issue Date	Title	Current OR	Inventor
1	US 200200095 36 A1	20020124	METHOD AND APPARATUS FOR PRODUCING A PLASMA DISPLAY	427/10	IGUCHI, YUICHIRO et al.
2	<i>VDep</i> US 200100222 72 A1	20010920	Methods for measuring the degree of ionizatio n and the rate of evaporati on in a vapor depositio n coating system	204/192.3 8	Plester, George et al.
3	<i>VD</i> US 6447837 B2	20020910	Methods for measuring the degree of ionizatio n and the rate of evaporati on in a vapor depositio n coating system	427/8	Plester, George et al.
4	US 6383416 B1	20020507	Electron- emitting material and preparing process	252/521.5	Hamada, Munemitsu et al.

	Document ID	Issue Date	Title	Current OR	Inventor
5	US 6251233 B1	20010626	Plasma-enhanced vacuum vapor deposition system including systems for evaporation of a solid, producing an electric arc discharge and measuring ionization and evaporation	204/192.38	Plester, George et al.
6	US 5965250 A	19991012	Modified porous non-conductor	428/308.4	Takeuchi, Yasushi et al.
7	US 5932301 A	19990803	Information recording medium and information recording and reproducing method	427/558	Kamiyama, Hironori et al.
8	US 5792517 A	19980811	Process for treating the outer-inner surfaces of a porous non-conductor	427/444	Takeuchi, Yasushi et al.

	Document ID	Issue Date	Title	Current OR	Inventor
9	US 5712001 A	19980127	Chemical vapor deposition process for producing oxide thin films	427/576	Fujii, Eiji et al.
10	US 5683838 A	19971104	Method of producing information recording medium	430/20	Iijima, Masayuki et al.
11	US 5681611 A	19971028	Light guide and method for making	427/163.2	Yoshikawa, Masato et al.
12	US 5614273 A	19970325	Process and apparatus for plasma-activated electron beam vaporization	427/569	Goedicke, Klaus et al.
13	US 5352478 A	19941004	Plasma display panel and method of manufacturing same	427/68	Miyake, Toru et al.
14	US 5135419 A	19920804	Method of encasing a non-linear tubular member	445/26	Kahn, Jon B.

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	Document ID	Issue Date	Title	Current OR	Inventor
15	(B6) kneed metal powder + #10 (B7) On other hand... g... powder + metal powder (Cu, Ti... Ni, Fe, Pb...) US 5108555 A (B9) The electrode... prep... ... impreg suff... Cu, Ni, Ag	19920428	Electrode for electrical discharge machining and process for manufacturing the same	205/184	Nishimuro, Satoshi et al.
16	US 4910041 A	19900320	Film formation process	427/571	Yanagihara, Kenji et al.
17	US 4824444 A	19890425	Gas permselective composite membrane prepared by plasma polymerization coating techniques	95/54	Nomura, Hiroshi
18	(D13) In order to have a coat... from an electrode... 1-C, 1-V... BN... Claims US 4797527 A	19890110	Electrode for electric discharge machining and method for producing the same	219/69.15	Yamamoto, Kenji et al.
19	US 4483694 A	19841120	Oxygen gas permselective membrane	96/12	Takamura, Tsutomu et al.
20	(D8) A further... does not lead to... (P18) The highest max. temp. before H ₂ O	US 4448655 A 19840515	Traveling-wire electroerosion machining electrode and method	205/686	Inoue, Kiyoshi

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	Document ID	Issue Date	Title	Current OR	Inventor
21	US 4265950 A	19810505	Phosphor-coating composition and method for electric discharge lamp	428/34.6	Graff, Eugene A.
22	US 3984590 A	19761005	Electric discharge lamp	427/106	Mason, David Robert et al.